



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Martin et al  
For: Optical Sensor and Methods for Measuring Molecular Binding Interactions

Examiner: Yang, Nelson C  
Group Art: 1641

Amendment B

Commissioner for Patents  
PO Box 1450  
Alexandria, VA22313-1450

Sir:

This is in response to Office action mailed 05/29/2007.

**Amendments to the Claims** begin on Page 2 of this paper.  
**Remarks** begin on page 9 of this paper.

P.S. 9/10/07

entered w/ RCE  
8/30/07